

CLAIMS:

1. A method between a communications device and a communications network,
which communications network generally provides at least a direct cell access
5 mechanism and an alternative cell access mechanism for the communications
device for uplink access to the communications network, wherein the direct
cell access mechanism is a mechanism enabling the communications device to
directly start sending user data on a traffic channel, the method comprising:
determining by the communications network and indicating to the com-
10 munications device whether the direct cell access mechanism can at a given
time be provided.
2. A method according to claim 1, wherein in a situation in which the direct cell
access can not be provided the method comprises:
15 indicating to the communications device that the alternative cell access
mechanism should be used.
3. A method according to claim 2, wherein the alternative cell access mechanism
comprises using a separate access channel for uplink access.
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4. A method according to any preceding claim, wherein said indicating whether
the direct cell access mechanism can be provided comprises indicating
whether the communications device can directly start sending user data on a
traffic channel at a high data rate.
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5. A method according to claim 4, wherein a radio interface between the mobile
communications device (110) and the base station (120) is layered into proto-
col layers which form a protocol stack, and the traffic channel forms part of a
logical traffic channel operating on a data link layer (Layer 2) of the protocol
30 stack.

6. A method according to claim 5, wherein said indicating whether the communications device can directly start sending on a traffic channel is carried out on a network layer (Layer 3) of the protocol stack.
- 5 7. A method according to claim 1, wherein said indicating whether the direct cell access mechanism can be provided is performed by sending a broadcast message to a set of communications devices including the communications device of claim 1.
- 10 8. A method according to claim 7, wherein said broadcast message contains a parameter value further restricting the set of communications devices.
9. A method according to claim 1, wherein said indicating whether the direct cell access mechanism can be provided is performed by sending a multicast message to a limited set of communications devices including the communications device of claim 1.
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10. A method according to claim 1, wherein said indicating whether the direct cell access mechanism can be provided is performed by sending a point-to-point message to the communications device.
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11. A method according to any of the claims 7 to 10, wherein said message conveys to the communications device a parameter value indicating whether the direct cell access mechanism is enabled.
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12. A method according to any preceding claim, wherein the communications network comprises a base station serving a cell of a mobile communications system, and wherein the method comprises:
- performing traffic and/or radio measurements by the base station; and
- 30 determining by the base station whether the direct cell access mechanism can at a given time be provided on the basis of said measurements.

13. A communications device (110) configured for operation with a communications network, which communications network generally provides at least a direct cell access mechanism and an alternative cell access mechanism for the communications device (110) for uplink access to the communications network, wherein the direct cell access mechanism is a mechanism enabling the communications device to directly start sending user data on a traffic channel, the communications device (110) comprising:

means (RF, MCU, 515, SW) for receiving an indication sent by the communications network, the indication indicating to the communications device (110) whether the direct cell access mechanism can at a given time be provided.

14. A communications device (110) according to claim 13, wherein the communications device is a mobile hand-held device of a cellular communications network.

15. A base station (120) of a communications network, which communications network generally provides at least a direct cell access mechanism and an alternative cell access mechanism for a communications device (110) for uplink access to the communications network, wherein the direct cell access mechanism is a mechanism enabling the communications device to directly start sending user data on a traffic channel, the base station (120) comprising:

means (420, 425, 440) for determining and indicating to the communications device (110) whether the direct cell access mechanism can at a given time be provided.

16. A system comprising a communications device (110) and a communications network, which communications network generally provides at least a direct cell access mechanism and an alternative cell access mechanism for the communications device (110) for uplink access to the communications network,

wherein the direct cell access mechanism is a mechanism enabling the communications device to directly start sending user data on a traffic channel, the communications network comprising:

5 means (420, 425, 440) for determining and indicating to the communications device (110) whether the direct cell access mechanism can at a given time be provided; and the communications device (110) comprising:

means (RF, MCU, 515, SW) for receiving said indication.